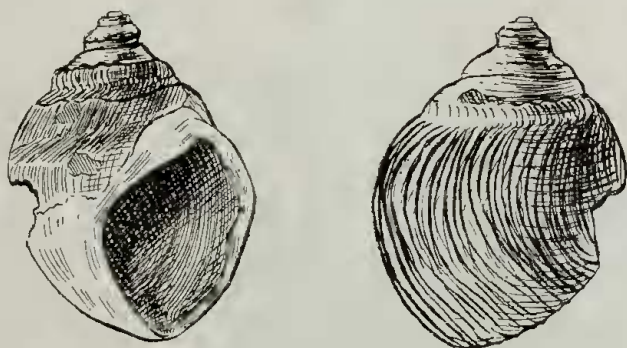


A NEW SPECIES OF FOSSIL SHELL FROM THE
UPPER PLIOCENE OF THE ADELAIDE PLAINS.

By BERNARD C. COTTON.

Professor W. Howchin recently brought to the South Australian Museum a few fossil shells taken from a bore at Brooklyn Park, S.A. Among the specimens was a new species of *Pellicaria*, a genus having its centre of distribution in New Zealand Seas.



The Brooklyn Park bore is one of many, recently sunk, about the City of Adelaide, to provide additional water for pumping into the mains. The new species of fossil shell is described below as *Pellicaria howchini* sp. nov.

Pellicaria howchini sp. nov.

Shell ovate, spire obtuse about one sixth length of shell, whorls five, obtusely angled, suture linear; protoconch missing; sculpture smooth except for axial growth lines which become more marked towards the aperture; last whorl subquadrate, outer lip slightly inflexed in the middle; columella very concave, callous and smooth; callus spreading over the body whorl and the anterior portion of the penultimate whorl.

Holotype. Upper Pliocene. Brooklyn Park, S.A. Reg. No. D 11294, S.A. Museum.

Height 36 mm., breadth 29 mm.

Diagnosis.—The present species differs from its nearest ally *P. coronata* Tate by the more depressed spire, non-channelled suture and smooth sculpture.